

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of the claims.

Listing of Claims:

1 - 15 (Cancelled).

16. (Currently amended) A TV receiving system comprising:

a TV receiving module for selecting and receiving a TV signal of a desired broadcast from among TV signals inputted from a TV broadcast receiving antenna or cable and providing the received TV signal, including:

detachable connector means including a first connector installed in said TV receiving module for receiving external power and an external control signal and providing the TV signal received by said TV receiving module externally, and a second connector detachably coupled with said first connector;

a memory for storing a control firmware and data necessary for control and operation;

a microprocessor for receiving said external power through said detachable connector means, said microprocessor being operated according to said control firmware stored in said memory to receive said external control signal through said detachable connector means, provide a TV broadcast selection signal in response to the received control signal, perform a desired signal processing with respect to an input TV signal and provide the resulting TV signal to said display apparatus via said detachable connector means;

tuner means for receiving said external power through said detachable connector means, selecting a TV signal of a desired broadcast from among the TV signals inputted from said TV broadcast receiving antenna or cable in response to said TV broadcast selection signal from said microprocessor and providing the selected TV signal as said input TV signal to said microprocessor; and

an audio processor for processing an audio signal of said TV signal from said microprocessor;

~~detachable connector means including a first connector installed in said TV receiving module for receiving external power and an external control signal and providing the TV signal received by said TV receiving module externally, and a second connector detachably coupled with said first connector; and~~

a display apparatus connected to said TV receiving module via said second connector

of said detachable connector means for providing said external power and external control signal to said TV receiving module, receiving said TV signal from said TV receiving module and outputting video and audio signals of the received TV signal, including:

a power supply for supplying internal power to said display apparatus and said external power having a plurality of different voltages to said TV receiving module, respectively;

a key input unit including a plurality of keys necessary for a TV receiving operation, said keys including a TV channel selection key and a volume adjustment key;

a controller for generating a control signal corresponding to a key signal inputted through said key input unit, providing the generated control signal to said TV receiving module through said second connector to control said TV receiving operation in response to the key signal, and receiving said TV signal from said TV receiving module through said second connector;

a signal processor for processing a video signal of said TV signal from said detachable connector means to be displayable on a screen and adjusting a level of an audio signal of said TV signal;

a display unit for outputting a video signal from said signal processor to said screen;
and

a speaker for outputting an audio signal from said signal processor;

wherein said TV broadcast selection signal from said microprocessor includes:

an analog broadcast/digital broadcast selection signal for selection of an analog TV broadcast or a digital TV broadcast; and

a TV channel selection signal for selection of a channel in the selected analog TV broadcast or digital TV broadcast;

wherein said tuner means includes:

a tuner for selecting a TV broadcast channel in response to said channel selection signal of said TV broadcast selection signal from said microprocessor;

an analog demodulator responsive to said analog broadcast/digital broadcast selection signal of said TV broadcast selection signal for demodulating an analog TV broadcast signal selected by said tuner and providing the resulting audio and video signals through said first connector; and

a digital demodulator responsive to said analog broadcast/digital broadcast selection signal of said TV broadcast selection signal for demodulating a digital TV broadcast signal selected by said tuner and providing the resulting MPEG signal to

said microprocessor;

wherein said first connector includes:

a power terminal for receiving said external power from said display apparatus;

a transmission terminal for outputting TV reception information from said microprocessor;

a reception terminal for receiving said external control signal from said display apparatus;

an A/V terminal for outputting an analog A/V signal from said tuner means;

a video signal terminal for outputting a video signal from said microprocessor;

and

an audio signal terminal for outputting an audio signal from said audio processor;

wherein said power terminal, transmission terminal, reception terminal, A/V terminal, video signal terminal and audio signal terminal of said first connector are implemented with pins, respectively;

wherein said second connector includes:

a power terminal for supplying said external power from said power supply to said TV receiving module;

a reception terminal for receiving TV reception information from said TV receiving module;

a transmission terminal for transmitting said control signal from said controller to said TV receiving module;

an A/V terminal for receiving an analog A/V signal from said TV receiving module;

a video signal terminal for receiving a video signal from said TV receiving module; and

an audio signal terminal for receiving an audio signal from said TV receiving module; and

wherein said power terminal, transmission terminal, reception terminal, A/V terminal, video signal terminal and audio signal terminal of said second connector are implemented with pins, respectively.

17 - 25 (Canceled).

26. (Original) The TV receiving system as set forth in claim 16, wherein said display apparatus is a TV receiver for receiving analog TV broadcasts.

27. (Original) The TV receiving system as set forth in claim 16, wherein said display apparatus is a PDP TV receiver.

28. (Original) The TV receiving system as set forth in claim 16, wherein said display apparatus is a computer monitor.

29. (Original) The TV receiving system as set forth in claim 28, wherein said computer monitor is an LCD monitor.